

BOARD OF FIREFIGHTING PERSONNEL STANDARDS AND EDUCATION

Inspector II Sample Test



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Version 0

Fire Inspector II

1. IFSTA, Fire Inspection and Code Enforcement, 7th Edition, 1st Printing
2. NFPA 1031, Standard for Professional Qualifications for Fire Inspector and Plan Examiner, 2009 Edition

1. Which fire detection and alarm service test procedure is the LEAST accurate?
 - A. Wiring insulation and supports should be checked for damage.
 - B. Conduit connections and supports should be checked for damage.
 - C. All batteries, whether lead-acid or dry-cell, should be inspected annually.
 - D. All signaling devices should be free of dirt, dust, and paint.
2. Which of the following statements is the common practice that can result in a decrease in the level of fire protection for some businesses?
 - A. Changes in product display altering the original sprinkler patterns
 - B. Allowing erratic behavior from large groups of people
 - C. Shipping and delivery dock activity
 - D. Locking of some doors during operation hours
3. Portable fire extinguishers designated as Class B will fight fires including:
 - A. combustible metals.
 - B. energized electrical equipment.
 - C. flammable and combustible liquids and gases.
 - D. ordinary, solid, and combustible materials.
4. Which statement about issues a client may encounter when submitting building plans and construction drawings during a plans review process is accurate?
 - A. The client must submit plans developed by a licensed architect.
 - B. The client may submit with no scale identified in the plans.
 - C. Some AHJs will require dual-submittal, one using the metric system.
 - D. No AHJ requires submittal in computer-aided design (CAD) format.
5. The minimum required residual pressure is established by fire engineers to be:
 - A. 10 psi (70 kPa).
 - B. 15 psi (105 kPa).
 - C. 20 psi (140 kPa).
 - D. 25 psi (155 kPa).
6. Which organization develops the majority of consensus standards used in the U.S. and Canada?
 - A. Standards Council of Canada
 - B. National Fire Protection Association
 - C. ASTM International
 - D. Underwriters Laboratories Inc
7. Commercial property owners can legally refuse admittance to inspectors if:
 - A. an administrative warrant has not been obtained.
 - B. an administrative warrant has been obtained.
 - C. the area is open to the public.
 - D. a crime has been committed.

8. Which statement describes the requirements of a permit application?
- A. Only the inspector can provide the proper application form.
 - B. In addition to filling out a form, additional documents may be required.
 - C. Typically, a permit processing fee is not required or is refundable.
 - D. The issuance of a permit is automatic when the proper form is filled out.
9. Which statement is MOST accurate describing fire lanes and fire apparatus roads?
- A. These roads cannot be used for any other purpose.
 - B. Unauthorized parking on them must be prohibited.
 - C. Most codes require access within 50 feet (15 m) of all portions of the building.
 - D. Fire lanes must be a minimum of 8 feet (2.5 m) wide, and twice that for 2-way travel.
10. Which statement BEST describes facts and uses of the flame spread rating?
- A. A number is assigned to each category of materials to designate its rating.
 - B. The Class C rating means it is suitable material for vertical exits.
 - C. It is an absolute measure which duplicates field condition behavior.
 - D. Red oak flooring is used to establish a base score of 100 for comparison.
11. During which stage of the plans review process does the building owner or contractor complete an application form?
- A. Apply
 - B. Submit
 - C. Review
 - D. Accept
12. What can be done to an overhead door for it to meet the travel distance requirement?
- A. A swinging door can be installed in the overhead door.
 - B. Nothing; a separate door must be installed nearby.
 - C. A portion of the overhead door can be a slide panel.
 - D. Employ a book-fold position with a collapsing mechanism.
13. One major responsibility of the legal counsel that reviews the proposed amendment is to ensure that the:
- A. right person was appointed to draft the proposed amendment.
 - B. code protects rights under the state and federal constitution.
 - C. code clearly discriminates against individuals by enforcement.
 - D. proper legal counsel has been retained or paid by the AHJ.
14. Codes and standards are kept current by changes:
- A. submitted by inspectors annually.
 - B. adopted by the AHJ annually.
 - C. adopted automatically with automatic notifications every six years.
 - D. revised every three to five years through a specific process.

15. In the United States the legal status of a public-sector officer is determined within the framework of the:
- A. municipal legislative body.
 - B. municipal legal counsel.
 - C. Fair Labor Standards Act (FLSA).
 - D. National Fire Protection Association (NFPA).
16. Cases of dynamite must be stored:
- A. flat.
 - B. on end.
 - C. in cool, damp areas.
 - D. with Class A or B explosives.
17. The request to inspect premises MUST contain which of the following?
- A. The reason for the inspection
 - B. A reference to an administrative warrant
 - C. An explanation of the procedures used for the inspection
 - D. A timetable of when future inspections will occur
18. Which of the following statements is most accurate regarding fire escapes; according to modern building and fire codes?
- A. Although not popular, fixed ladders and slides are still allowed.
 - B. Escalators, fixed ladders, and slides are no longer allowed by code.
 - C. Only escalators and slide escapes are forbidden by modern code.
 - D. Only the slide escape is no longer allowed by code regulations.
19. Fire-extinguishing systems and portable fire extinguishers are classified by the:
- A. size of fire they will extinguish.
 - B. size of building they protect.
 - C. number of occupants in the building.
 - D. type of fire they will extinguish.
20. Which statement describes door openings in a fire wall if the fire rating is 4 hours?
- A. There would be two doors each with a fire rating of 3 hours.
 - B. Under no condition would a door opening be allowed with that rating.
 - C. One self-closing door with a rating of 2 hours would be required.
 - D. With smoke and fire dampers installed, fire rated doors of 2 hours are required.
21. The correct model fire code requirement for the handling and storage of hazardous production materials (HPMs) is that:
- A. only working shift size quantities can be stored in containers near the work area.
 - B. the storage room must have a 1-hour fire-resistive occupancy rating.
 - C. all HPMs must be in the same building with production operations.
 - D. no HPMs can be stored in outside storage tanks.

22. Emergency evacuation drills in a correctional facility are generally:
- A. fairly similar to that of a school system.
 - B. fairly similar to that of a church assembly.
 - C. different because of the size of the building.
 - D. more difficult due to physical security issues.
23. What is the correct procedure for testing a fusible-link detector with replaceable links?
- A. Do not test, replace the replaceable links semiannually.
 - B. Do not test, replace the replaceable links annually.
 - C. Check annually by removing and observing contacts, then reinstall link.
 - D. Check semiannually by removing and observe contacts, then reinstall link.
24. When testing a manually controlled fire pump, the pump must be manually started and stopped at least:
- A. 2 times.
 - B. 3 times.
 - C. 5 times.
 - D. 10 times.
25. Exit capacity of a building is based on the calculations of all of the following EXCEPT:
- A. exit.
 - B. exit access.
 - C. exit stairs.
 - D. exit discharge.